

T-4 Sampling Methodology – This is the “guts” of the methodology; Nicole will likely be able to expand upon it a bit when we discuss on Wednesday.

OBJECTIVE	LOADING CALCULATION	SAMPLING METHOD	APPROACH
Assessment of chemical loading rates for COIs associated with particulate matter (total metals, SVOCs, pesticides, PCBs, TPH gasoline-range organics, TPH diesel-range organics, TPH residual-range organics, TOC, TSS, grain size)	Load = Concentration from sediment trap X TSS concentration from stormwater sample X runoff volume	1. Sediment Traps	1-liter bottle attached to support that is bolted to wall as close to bottom as practicable.
		2. Stormwater grab sample to measure TSS Concentration	Single grab sample after (?) 1 inch/48 hour period storm event as measured by number of tips at HYDRA station
		3. Runoff volume	SWMM model

Note: Addendum 1 of the 2005 EE/CA workplan discusses sediment trap methodology. That report indicates that > 90 grams of solids to perform analyses for all COIs.